

ZOOMABLE SPOT MODULE

Abstract of Disclosure

A lamp (10, 30, 80) includes an LED module (16, 36, 86) having at least one LED (12, 32, 82) arranged on a substrate (14, 34, 84). An optical system includes at least one lens (18, 38, 88) in optical communication with the LED module (16, 36, 86). A zoom apparatus (20, 40, 90) selectively adjusts the relative axial separation of the optical system and the LED module (16, 36, 86). In one embodiment (30), the zoom apparatus (40) is slidably adjustable. In another embodiment (80), the zoom apparatus (90) is rotatably adjustable.

Figures